

Gas Law Problem 2015 WS answers					
Problem #	WS #1	WS #2	WS #3	WS #4	WS #5
1	8.2 L	54.5 mL	800 mL	430.6 mL	0.04 mol
2	0.072 L	292.8 mL	9.5 L	39.2 L	4982.2 mm Hg
3	133.3 atm	2.2 L	867.4 mL	656.1 mL	72.9 L
4	0.52 L	8.46 L	18.75 L	357.7 mL	3.2 mol
5	0.64 atm	321.3 mL	50.4 mL	38.3 mL	28.45 mL
6	490.1 mL	4.1 L	34.1 mL	15.6 L	447.2 K
7	340.8 mL	4.1 L	0.50 mL	376.5 mL	204.9 K
8	212.94 mL	7.0 L	1215 mL	82.5 mL	1.26 mol
9	59.7 mL	615.4 mL	29.0 mL	7.1 L	1.64 atm
10	1.8 L	410.8 mL	X	93.7 mL	2308.1 L
11	146.5 K	67.7 mL	X	0.95 L	5.33 atm
12	X	X	X	46.2 mL	30.6 g/mol
13	X	X	X	X	79.95 g/mol
14	X	X	X	X	14 g/mol
15	X	X	X	X	52.2 g/mol
16	X	X	X	X	71 g/mol
17	X	X	X	X	37.4 g/mol
18	X	X	X	X	6.62 g/mol
19	X	X	X	X	17 g/mol
20	X	X	X	X	2.0 g/mol
Problems w/ more tha one answer					
3 also	101333.3 mmHg				72878.7 mL
9 also					1284 mm Hg
11 also					4075.5 mm Hg